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ETS

Oracle Disaster Recovery hosted within South Africa, ensuring compliance with POPIA regulations

Ahmed Jassat
Oracle Delivery lead

HELLO AFRICA



UBUNTU
moving forward
TOGETHER.

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About ETS

Definition of ETS Innovations

ETS is a specialized company that focuses on **designing solutions** for enterprise and mid-market customers. We are a Business Systems support and Systems integrator entity. We provide ICT solutions and Business advisory services for business-critical environments, using **technologies best suited** to your requirements.

Importance in today's global

We are a proudly South African Company. Majority black female owned, BBBEE, QSE company.



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Our Vision & Objectives

What is ETS vision

Remain a relevant Business Systems support and ICT service provider to the Public and Private Sector.

Client centric innovation Enable outstanding client success. Grow our employees Develop the youth of South Africa

By offering a portfolio of specialized services and products delivered by our highly-skilled employees who put customers first.



"Gees" - Afrikaans for Spirit

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ETS Currently Open Offices

- South Africa
- Lesotho
- Eswatini
- Zimbabwe
- Kenya

Upcoming ETS Offices

- Mozambique
- Tanzania
- Zambia
- Botswana

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Best of Breed Products

Strategic OEM partnerships provide solutions and cloud services.

- Hyperconverted Systems
- Hardware Servers- Storage - Networking
- Software
- Database
- Operating Systems
- Virtualization
- Security
- Cloud Servies
- Storage Networking

ORACLE

MTN Business

ORACLE CLOUD

GALLAGHER

H3C
The Leader in Digital Solutions

PURESTORAGE
Hello Possible

data iku

Alibaba Cloud

HITACHI

Microsoft

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Customers

Financial Services

Discovery
TransUnion
Botswana Life
Lesotho Post Bank – Affordable.Accessible.Anytime
Central Bank of Lesotho – Banka e Kholo ea Lesotho
Standard Bank
EswatiniBank
Swaziland Building Society – "Creating Wealth For You"
absa

Public Sector

CCMA
Companies and Intellectual Property Commission
HPCSA – Health Professions Council of South Africa
Road Traffic Management Corporation
National Health Laboratory Service
forestry, fisheries & the environment – Department: Forestry, Fisheries and the Environment – Republic of South Africa
agriculture, land reform & rural development – Department: Agriculture, Land Reform and Rural Development – Republic of South Africa
communications – Department: Communications – Republic of South Africa
Revenue Services Lesotho

Telecommunication

MTN
MultiChoice
btc – Live connected.
NEC
XON

Other

Universiteit van Pretoria – University of Pretoria – Yunibesithi ya Pretoria
Mercedes-Benz
SAAB Grintek Defence
Oracle
Astral
Sunshine
MAX SYSTEMS
Bridgestone
CSIR – Touching lives through innovation
pec
RCL Foods
SANBS – South African National Blood Service
University of KwaZulu-Natal
NTT DATA
IDEMIA

Sensitivity Label: General

Our business is structured to move Strategy into Execution:

Business Unit	Plan Define Goals & Strategy	Architect Design Solutions & Develop Roadmap	Execute Implement Solution	Operate Maintain & Support
Advisory	✓	✓	✓	●
Applications	●	✓	✓	✓
Infrastructure	●	✓	✓	✓

✓ Primary Responsibility ● Supporting Role

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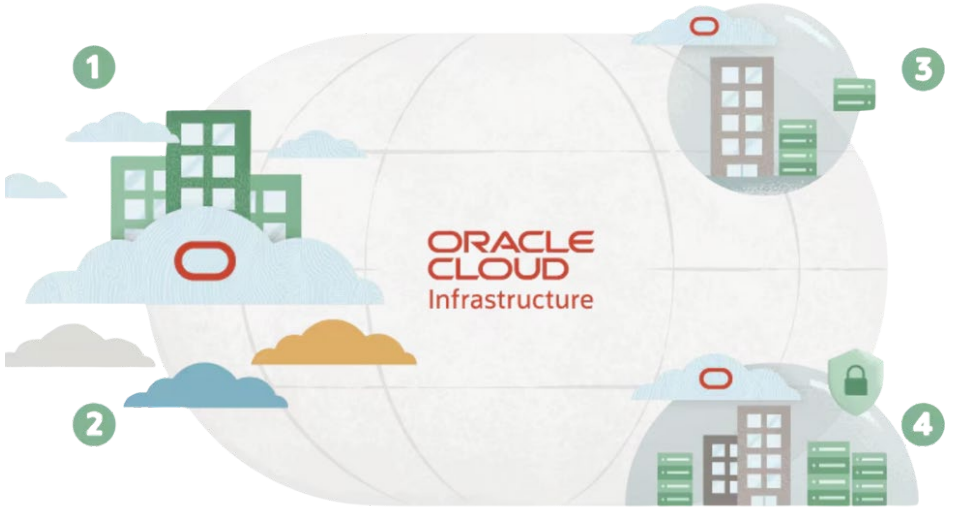
02

Oracle Compute Cloud@Customer · On-Premises OCI

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Oracle Cloud



Multi Cloud

Make multiple clouds work as one. Oracle offers direct database integration with Microsoft Azure as well as high performance interconnection.

Public Cloud

The only cloud with a consistent set of services and consistent low prices across commercial and government public cloud regions.

Hybrid Cloud

Trusted cloud solutions for nearly any location, including Oracle Exadata Cloud@Customer, a highly optimized database as a service already deployed in more than 60 countries.

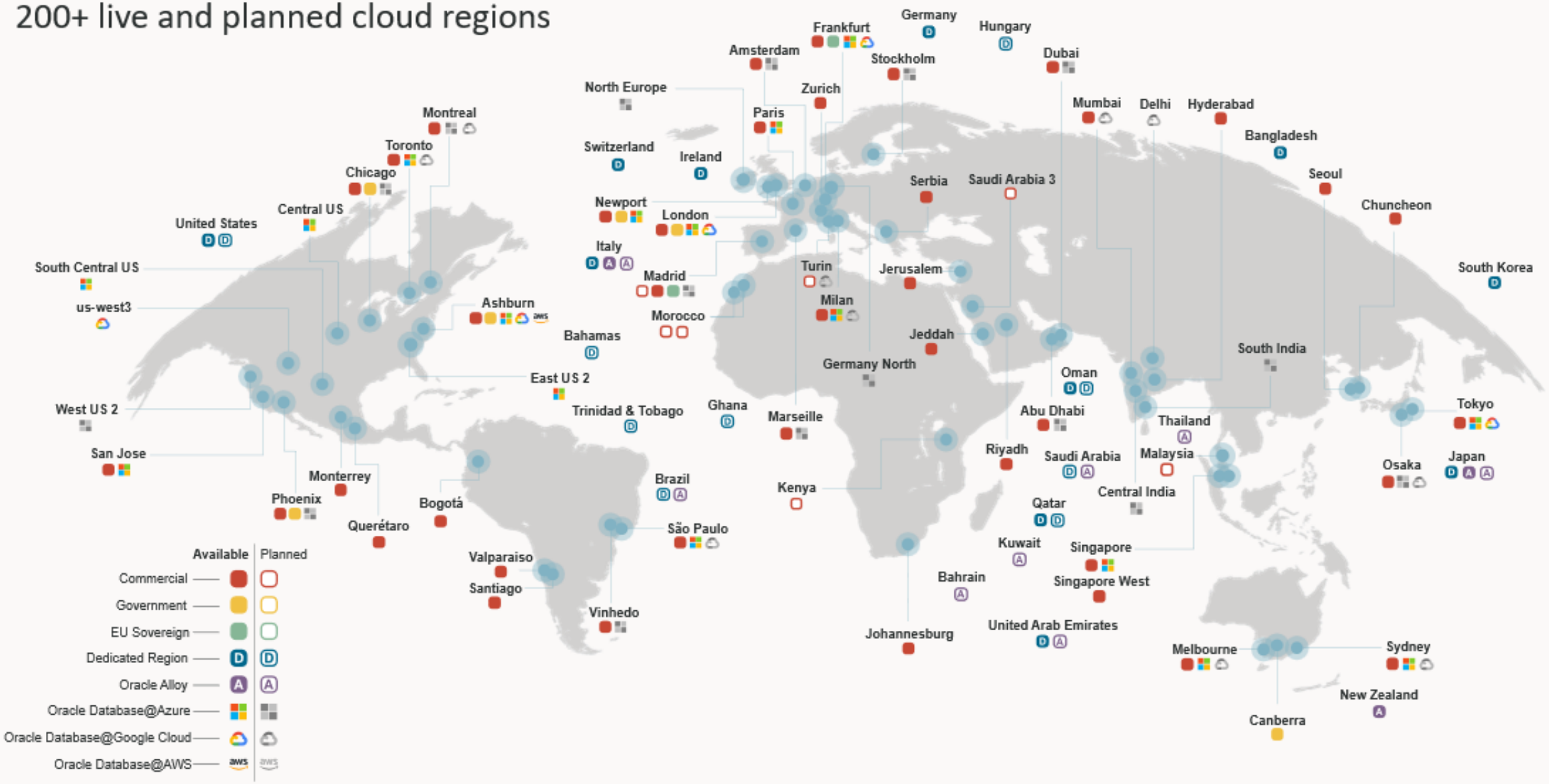
Dedicated Cloud

OCI Dedicated Region and Oracle Alloy are the only products that provide more than 100 cloud services at public cloud pricing entirely within your data centers.

Sensitivity Label: General

Deploy on the largest cloud footprint -- or in your data center

200+ live and planned cloud regions



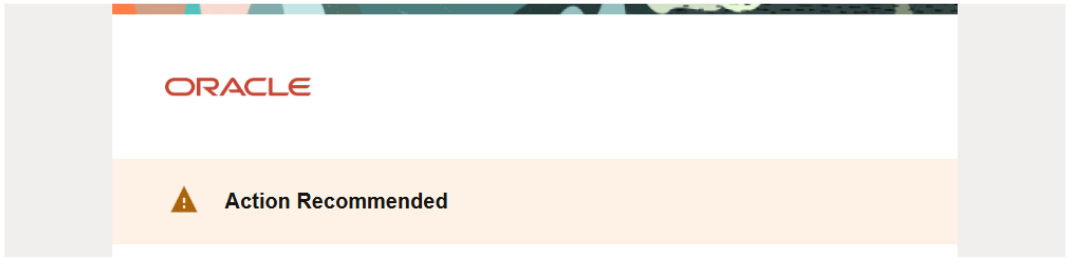
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Action Recommended : Oracle Cloud Infrastructure for ahmedjassat : [22289666] Inbox

MN Mail Announcements Us Shawnee 1 Oci Oraclecloud Noreply
To: me · Sun, Mar 1 at 11:33 PM



Oracle Cloud Infrastructure - Advisory: Review business continuity and disaster recovery readiness for workloads in the United Arab Emirates

Oracle Cloud Infrastructure Customer,

Oracle's operations in the Middle East remain active, and we are working diligently to ensure the safety of our employees and their families, and to support our Middle Eastern customers and partners. As we have continued to monitor the situation in the United Arab Emirates (UAE), we have decided to reach out to our customers in Oracle Cloud Infrastructure (OCI) regions in

While both of our regions in the UAE are healthy and remain capable of providing disaster recovery and business continuity capabilities, we are advising that you back up a copy of your critical data outside of the Middle East.

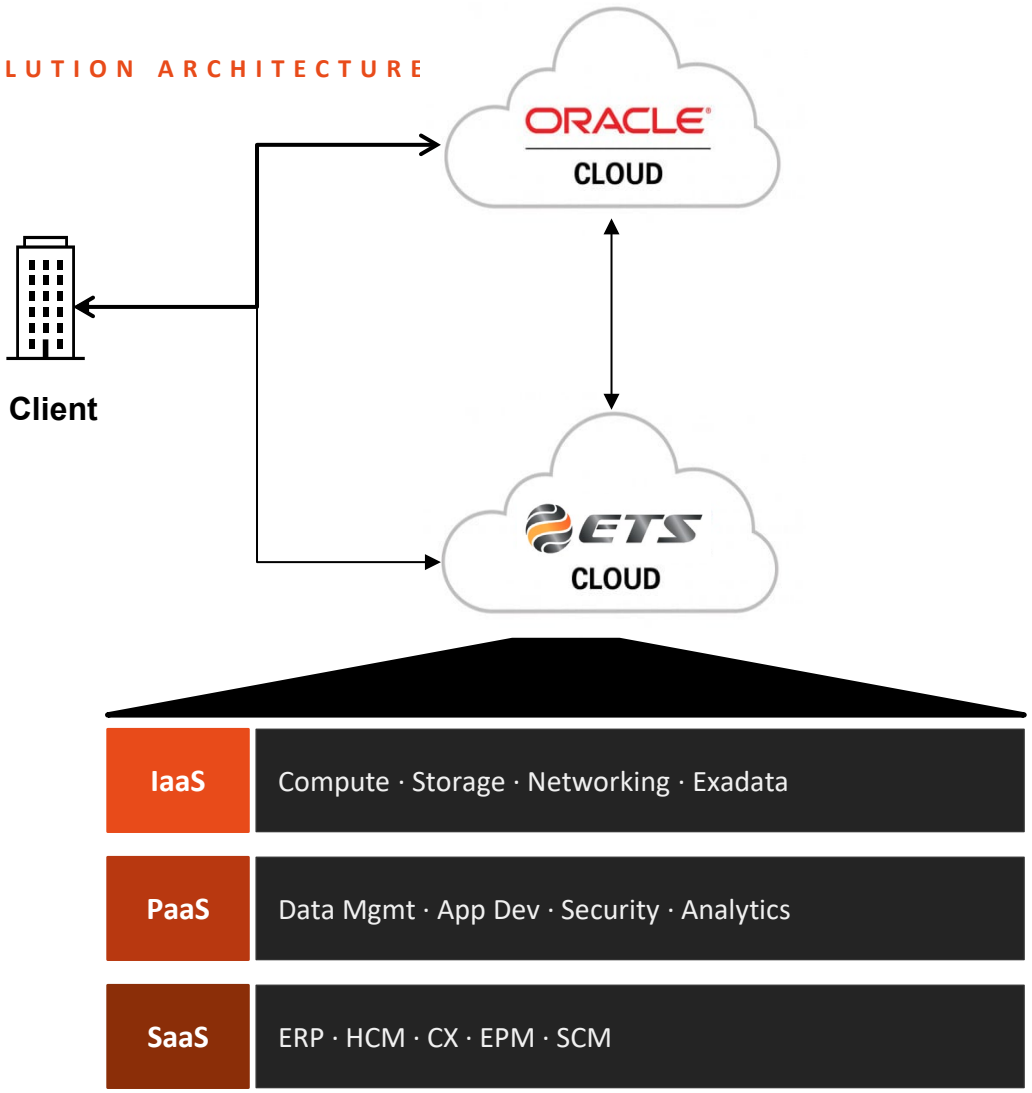
Specific recommendations for OCI services is available in Doc ID KA1499.

We are committed to working with you to enable the continued operation of your critical business functions. For any urgent issues or outages, please

Gen Cloud and AI

ETS Prime Cloud -Run OCI Compute anywhere

SOLUTION ARCHITECTURE





Benefits of C3 Oracle DR in South Africa

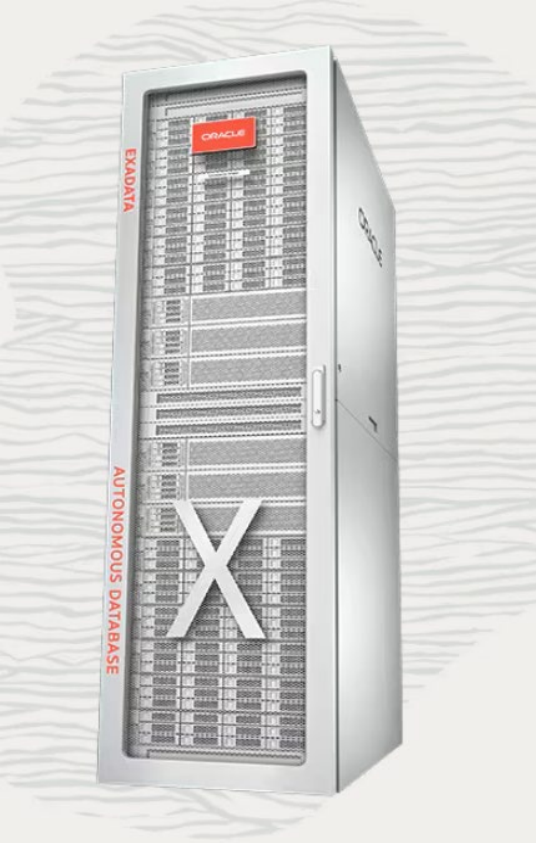
- Regulatory Compliance: Ensures POPIA alignment through local data residency and sovereignty.
- Improved Performance: Low latency and faster response due to in-country hosting.
- High Availability: Robust Oracle DR capabilities (e.g., Data Guard) enable rapid failover and resilience.
- Faster Recovery: Reduced RTO/RPO with near real-time replication and local DR sites.
- Cost Efficiency: Lower bandwidth costs and predictable pricing with local infrastructure.
- Local Support: Faster response times with in-country, time-zone aligned support teams.

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ETS PRIME CLOUD

Cloud Without Compromise

ETS

ETS Prime Cloud delivers the full Oracle Cloud Infrastructure experience inside your jurisdiction — powered by the Oracle X11 Compute Cloud@Customer appliance, housed at our Johannesburg 1 Data Centre.



Identical to Oracle Public Cloud

Same OCI APIs, CLI, SDK and Console — no retraining, no new tooling required

Built and maintained by Oracle

Oracle installs, owns and patches all hardware, firmware and hypervisor — hands off

Your data stays in South Africa

Full POPIA compliance, national data sovereignty, no cross-border data transfer

Enterprise-grade capacity

552 OCPUs · 6.7 TB RAM · 3.65 PB storage · 48× NVIDIA L40S GPU

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ETS

03

Why ETS Prime Cloud is the right choice

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KEY BENEFITS

Why ETS Prime Cloud?

Data Sovereignty

All workloads hosted in South Africa — full POPIA compliance and national data residency guaranteed.

Cloud-like Agility

OCI-compatible APIs and Kubernetes Engine (OKE) enable rapid, elastic deployment and scaling.

High Performance

AMD EPYC compute, NVIDIA L40S GPU and Exadata-class storage for demanding, mixed workloads.

Resilience

Built-in redundancy with Oracle Data Guard and RAC for enterprise-grade disaster recovery.

Cost Efficiency

Infrastructure consolidation reduces licensing, power and ops spend — predictable monthly billing.

Managed Operations

ETS handles monitoring, patching and optimisation — reducing your team's administrative load.

How ETS Prime Cloud Works

Oracle C3 Infrastructure

- Delivers OCI Compute with the latest server, storage, and networking services
- Built, installed, owned, and managed by Oracle
- Architected for high-performance, high-availability, and scale for traditional and cloud-native apps
- Dynamic scalability, pay only for what you use



PaaS Data Mgmt · App Dev · Security · Analytics

IaaS Compute · Storage · Networking · Exadata

CLIENT ENVIRONMENT

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ETS

IaaS · Compute · Storage · Networking · Security

04

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Compute & Storage Services

COMPUTE

Standard VM

Flex shapes 1–96 OCPUs · up to 960 GB RAM · AMD EPYC · Windows, Linux, Solaris

High Memory VM

Up to 64 GB/OCPU · ideal for SAP, Oracle DB, in-memory analytics

GPU Compute

Up to 48× NVIDIA L40S GPUs · on-premises AI/ML training & inference

STORAGE

Block Storage

Balanced & Performance (NVMe SSD) · on-demand backups · up to 1.2 PB performance tier

File Storage

NFS v3/v4.1, SMB 3.1 · snapshots · ideal for shared workloads & home directories

Object Storage

OCI S3-compatible API · archives, backups & unstructured data · up to 3.65 PB

Networking, Containers & Security

Networking	› Virtual Cloud Networks (VCNs) with custom subnets, routing tables and security lists › Load Balancer as a Service — Application LB and Network LB for high-availability › Internet, NAT and service gateways · Up to 800 Gbps data-centre connectivity
Containers & Infrastructure as Code	› Oracle Kubernetes Engine (OKE) — managed clusters with auto-scaling and auto-patching › Terraform & OCI CLI/SDK — identical toolchain to Oracle Public Cloud › Software-defined compute, storage and networking via infrastructure-as-code
Security & Identity	› OCI IAM with Active Directory integration · compartments for multi-tenant isolation › Operator Access Control (OpCtl) — approve, audit and terminate Oracle operator sessions › Ideal for: financial services, healthcare, government and defence

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USE CASE

ETS

Disaster Recovery for Oracle Cloud

ETS Prime Cloud is purpose-built as a Disaster Recovery environment for Oracle Cloud Infrastructure — delivering in-country failover with full OCI compatibility and POPIA alignment.

Regulatory Compliance

POPIA alignment through local data residency and full sovereignty over sensitive workloads.

Improved Performance

Low latency and faster response times due to in-country hosting and local network routing.

High Availability

Oracle Data Guard enables rapid failover with robust, proven resilience and continuity.

Faster Recovery (RTO/RPO)

Near real-time replication and locally operated DR sites reduce recovery time and data loss.

Cost Efficiency

Lower bandwidth costs and predictable local pricing — no international egress charges.

Local Support

ETS in-country engineers provide time-zone aligned, same-day support response in South Africa.

01

ETS architects assess your workloads, compliance requirements and sizing needs.

02

Receive a tailored proposal with exact OCPU, storage and support configuration.

03

ETS provisions your tenancy, configures IAM and connects your environment.

04

Access all services via OCI Console, CLI or APIs — same as Oracle Public Cloud.

Contact ETS Cloud Services

Dennis Naidoo | dennis.naidoo@ets.group | +27 82 928 6819

To arrange a discovery workshop or request a formal quotation, speak to your ETS account manager.

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ETS

Dankie	*Afrikaans*
Kea leboha	*Sesotho*
Siyabonga	*Zulu*
Ndi a livhuwa	*Tshivenda*



PARTNERING FOR EXCELLENCE